

What is claimed is:

1. An acrylic adhesive composition for an electro-magnetic shielding film, comprising:

- a) an acrylic copolymer of i) (meth)acrylate ester monomers having C₁ to C₁₂ alkyl groups and ii) vinylic monomers having hydroxyl groups; and
- b) a multifunctional isocyanate crosslinking agent.

2. The acrylic adhesive composition for an electro-magnetic shielding film of Claim 1, which comprises:

- a) 100 parts by weight of an acrylic copolymer of:
 - i) 90 to 99.9 parts by weight of (meth)acrylate ester monomers having C₁ to C₁₂ alkyl groups; and
 - ii) 0.1 to 10 parts by weight of vinylic monomers having hydroxyl groups; and
- b) 0.01 to 10 parts by weight of a multifunctional isocyanate crosslinking agent.

3. The acrylic adhesive composition for an electro-magnetic shielding film of Claim 1, wherein said (meth)acrylate ester monomers having C₁ to C₁₂ alkyl groups are one or more members selected from the group consisting of butyl(meth)acrylate, 2-ethylhexyl(meth)acrylate, ethyl(meth)acrylate, methyl(meth)acrylate, *n*-propyl(meth)acrylate, isopropyl(meth)acrylate, *t*-butyl(meth)acrylate, pentyl(meth)acrylate, *n*-octyl(meth)acrylate, and isononyl(meth)acrylate.

4. The acrylic adhesive composition for an electro-magnetic shielding film of Claim 1, wherein said vinylic monomers having hydroxyl groups are one or more members selected from the group consisting of 2-hydroxyethyl(meth)acrylate, 2-hydroxypropyl(meth)acrylate, 2-hydroxyethyleneglycol(meth)acrylate, and 2-hydroxypropyleneglycol(meth)acrylate.

5. The acrylic adhesive composition for an electro-magnetic shielding film of Claim 1, wherein said vinylic monomers having hydroxyl groups react with isocyanate groups of said multifunctional isocyanate crosslinking agent to form a partial crosslinkage.

6. The acrylic adhesive composition for an electro-magnetic shielding film of Claim 1, wherein said multifunctional isocyanate crosslinking agent is one or more members selected from the group consisting of tolylene diisocyanate, diphenylmethane diisocyanate, hexamethylene diisocyanate, and a trimethylolpropane adduct of tolylene diisocyanate.

7. The acrylic adhesive composition for an electro-magnetic shielding film of Claim 1, which further comprises one or more additives selected from the group consisting of a near infrared ray absorbent, epoxy resin, curing agent, silane coupling agent, plasticizer, UV stabilizer, antioxidant, dye, reinforcing agent, and filler.

8. The acrylic adhesive composition for an electro-magnetic

WO 2004/083333

PCT/KR2004/000544

shielding film of Claim 1, wherein said acrylic copolymer is prepared by solution polymerization, photopolymerization, bulk polymerization, suspension polymerization, or emulsion polymerization.

9. The acrylic adhesive composition for an electro-magnetic
5 shielding film of Claim 1, which has a crosslinking density ranging from 1 to 95%.

10. An electro-magnetic shielding filter for a plasma display panel transparentized using an acrylic adhesive composition of any of Claims 1 to 9.